

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038245.D
 Acq On : 21 Nov 2024 16:48
 Operator : SY/MD
 Sample : P4883-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K7

Quant Time: Nov 22 01:49:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

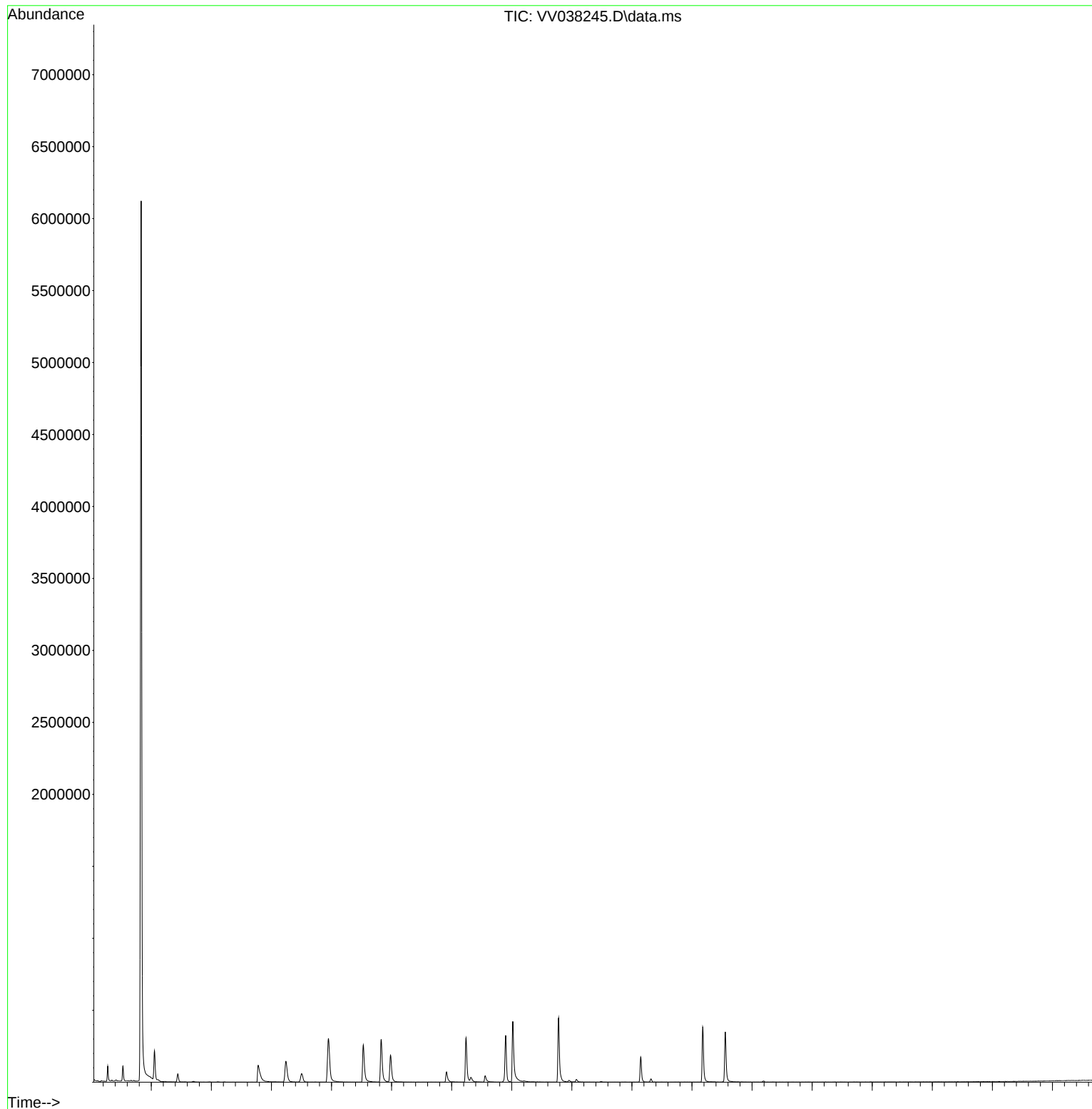
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242595	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	268681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	109787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	65877	3.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.529	69	68135	4.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.053	65	31665	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.780	46	180994	48.658	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	4.239	84	166710	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.937	65	83283	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.950	84	284991	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.982	67	98022	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.239	98	227734	3.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.558	79	30903	3.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.017	63	156772	50.765	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	90386	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	99926	5.342	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7652	0.421	ug/L	92
16) Methylene chloride	2.442	84	24452	1.238	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	4029	0.103	ug/L #	83
22) cis-1,2-Dichloroethene	3.812	96	7505	0.398	ug/L	94
29) 1,1,1-Trichloroethane	4.503	97	52425	1.627	ug/L	98
34) Trichloroethene	5.828	95	112771	5.481	ug/L	98
42) Toluene	7.323	91	29551	0.370	ug/L	95
47) Tetrachloroethene	7.898	164	75085	4.542	ug/L	97
51) Chlorobenzene	8.815	112	15506	0.282	ug/L	99
52) Ethylbenzene	8.953	91	10288	0.121	ug/L	88
53) m,p-Xylene	9.075	106	6085	0.190	ug/L	86
67) 1,2-Dichlorobenzene	11.577	146	7227	0.230	ug/L	94

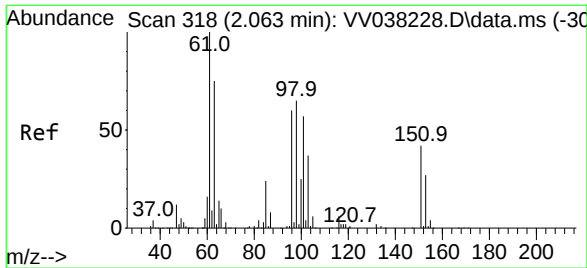
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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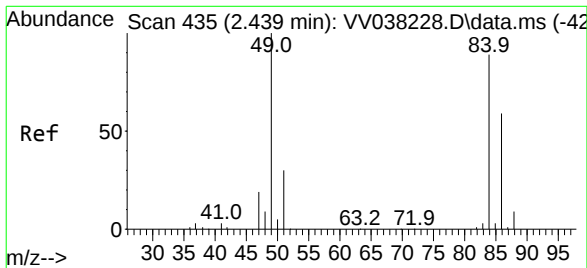
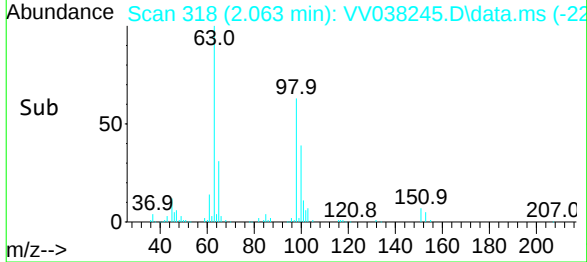
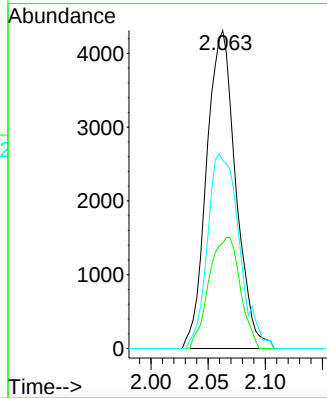
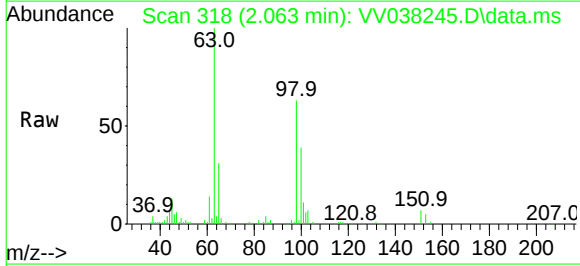




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.421 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038245.D
Acq: 21 Nov 2024 16:48

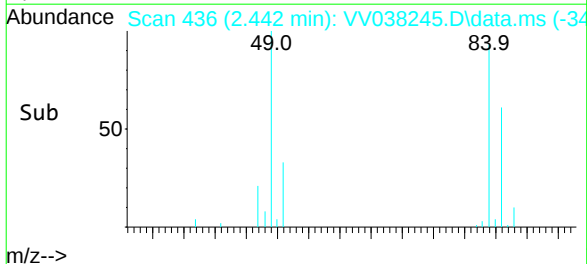
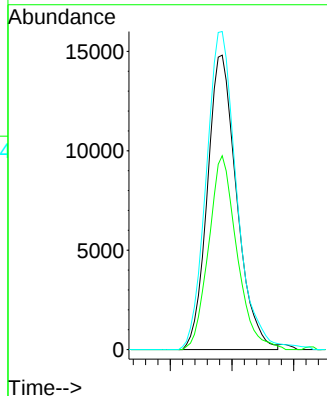
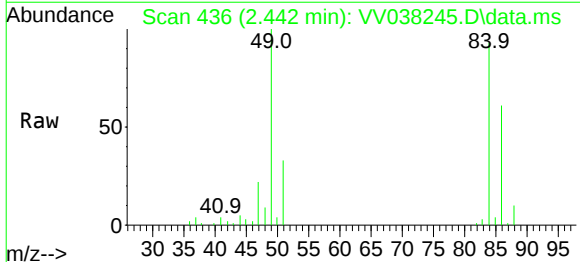
Instrument :
MSVOA_V
ClientSampleId :
BG3K7

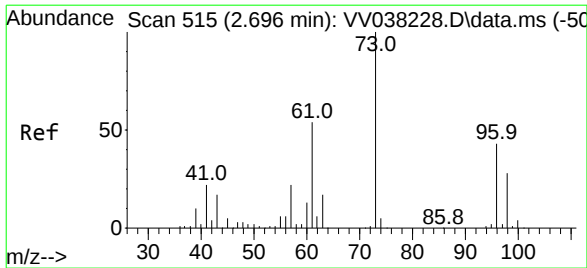
Tgt Ion:	101	Resp:	7652
Ion	Ratio	Lower	Upper
101	100		
85	37.3	33.4	50.0
151	66.5	58.8	88.2



#16
Methylene chloride
Concen: 1.238 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038245.D
Acq: 21 Nov 2024 16:48

Tgt Ion:	84	Resp:	24452
Ion	Ratio	Lower	Upper
84	100		
86	65.8	44.2	82.2
49	108.0	74.9	139.1

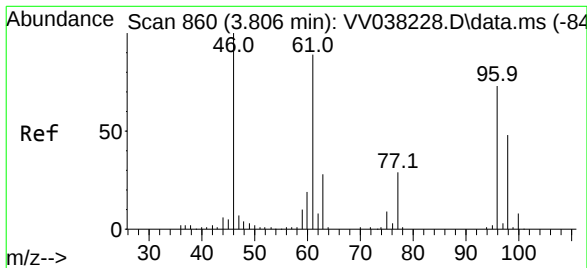
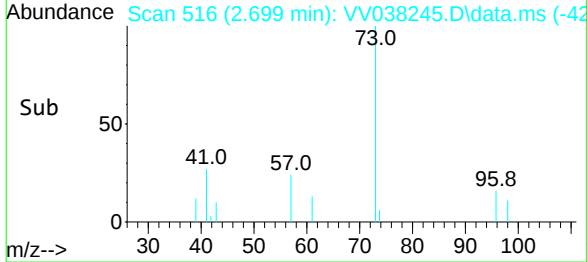
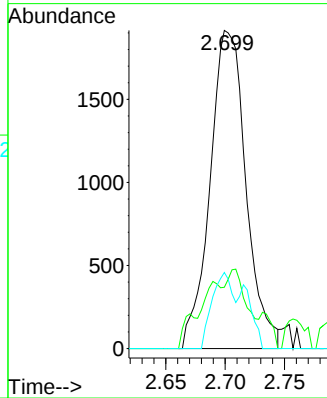
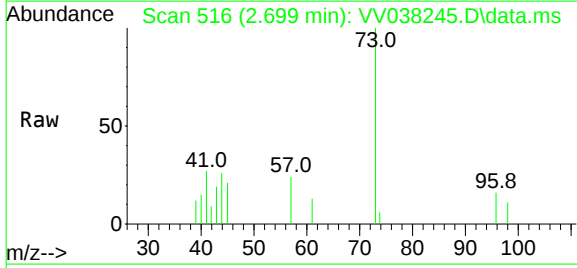




#17
Methyl tert-butyl Ether
Concen: 0.103 ug/L
RT: 2.699 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038245.D
Acq: 21 Nov 2024 16:48

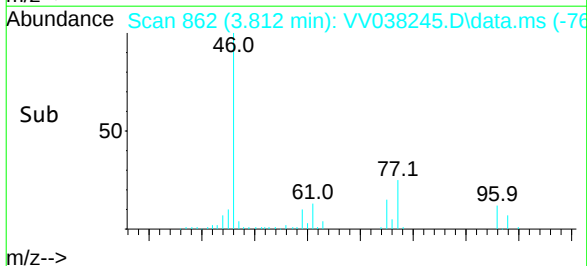
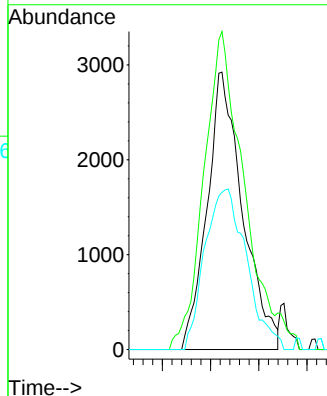
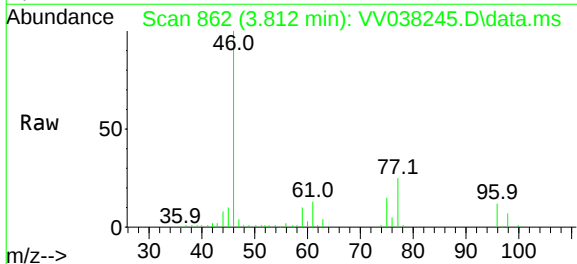
Instrument :
MSVOA_V
ClientSampleId :
BG3K7

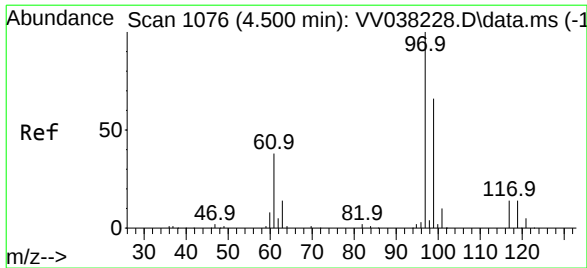
Tgt Ion: 73 Resp: 4029
Ion Ratio Lower Upper
73 100
43 9.9 14.2 21.2#
57 14.1 17.6 26.4#



#22
cis-1,2-Dichloroethene
Concen: 0.398 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038245.D
Acq: 21 Nov 2024 16:48

Tgt Ion: 96 Resp: 7505
Ion Ratio Lower Upper
96 100
61 114.6 82.7 153.5
98 56.7 46.3 85.9

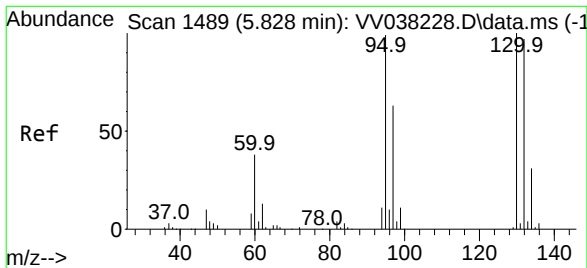
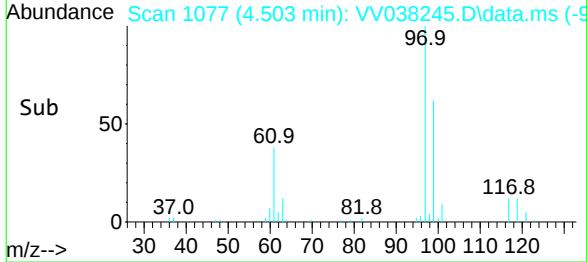
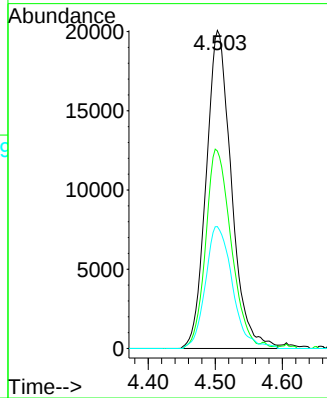
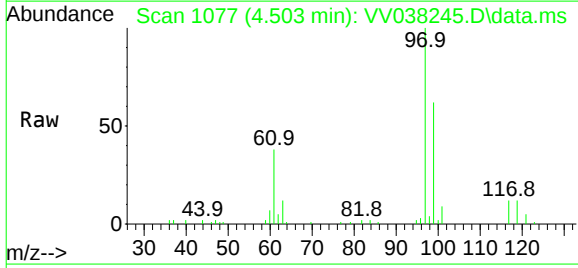




#29
1,1,1-Trichloroethane
Concen: 1.627 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038245.D
Acq: 21 Nov 2024 16:48

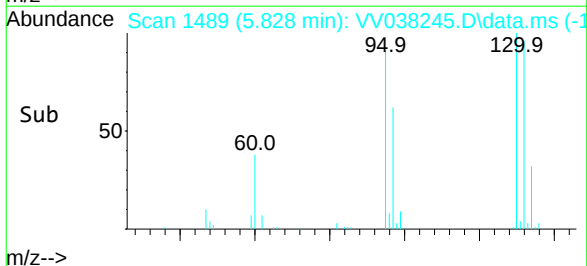
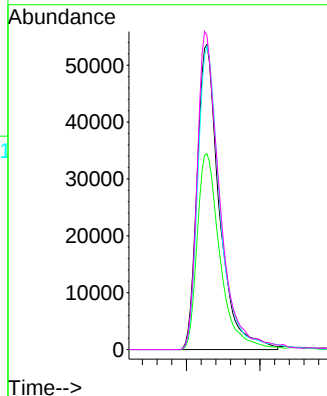
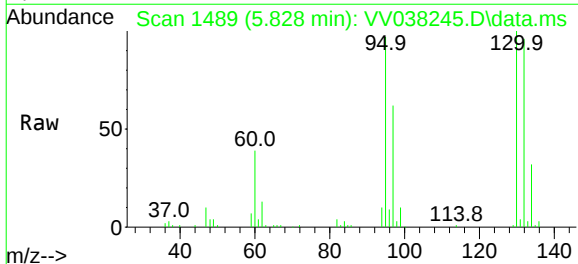
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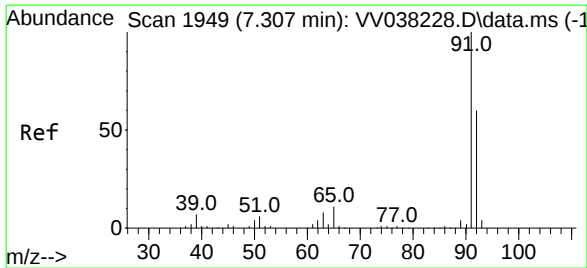
Tgt Ion:	97	Resp:	52425
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.8	77.8
61	41.0	32.2	48.2



#34
Trichloroethene
Concen: 5.481 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038245.D
Acq: 21 Nov 2024 16:48

Tgt Ion:	95	Resp:	112771
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.8	83.2
132	99.4	68.3	126.8
130	103.0	70.2	130.4





#42

Toluene

Concen: 0.370 ug/L

RT: 7.323 min Scan# 19

Delta R.T. 0.016 min

Lab File: VV038245.D

Acq: 21 Nov 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :

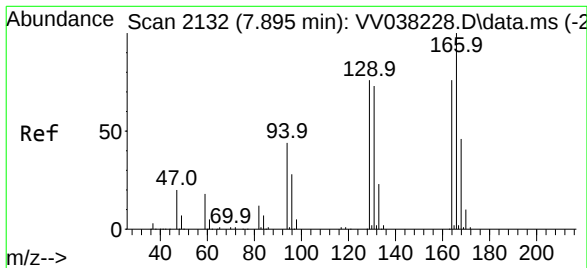
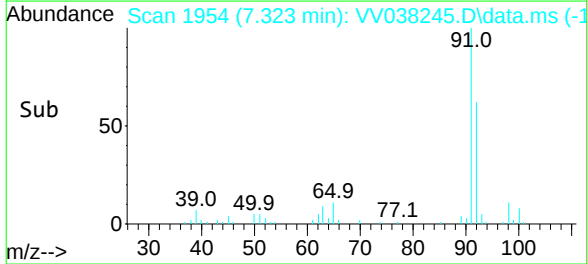
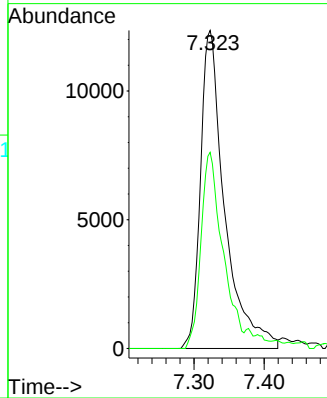
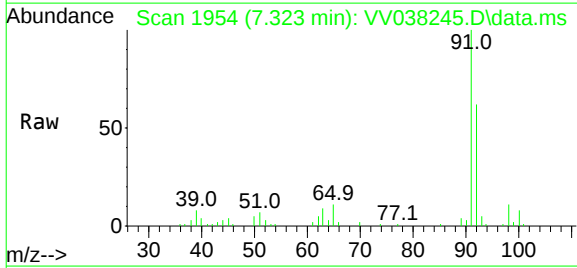
BG3K7

Tgt Ion: 91 Resp: 29551

Ion Ratio Lower Upper

91 100

92 61.7 40.8 75.8



#47

Tetrachloroethene

Concen: 4.542 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038245.D

Acq: 21 Nov 2024 16:48

Tgt Ion: 164 Resp: 75085

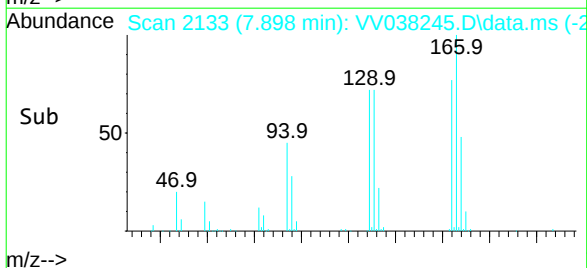
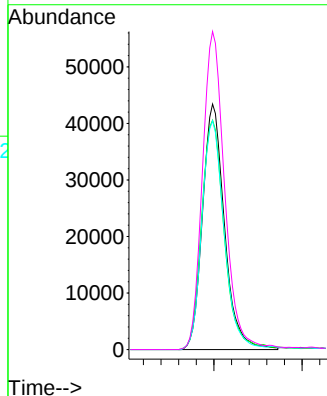
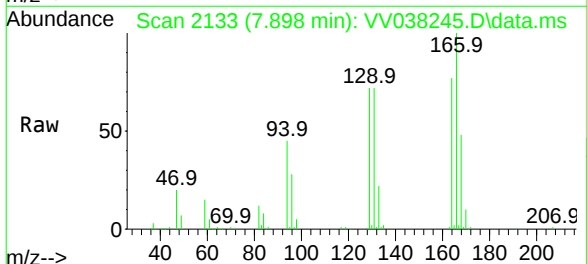
Ion Ratio Lower Upper

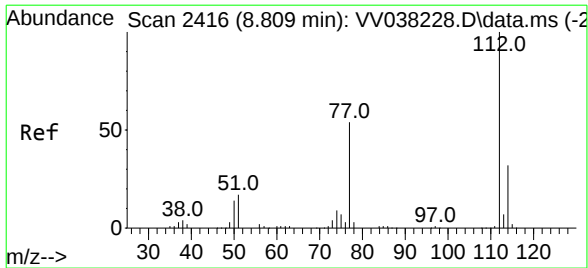
164 100

129 93.5 68.5 127.1

131 93.2 64.8 120.4

166 129.6 88.3 163.9





#51

Chlorobenzene

Concen: 0.282 ug/L

RT: 8.815 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV038245.D

Acq: 21 Nov 2024 16:48

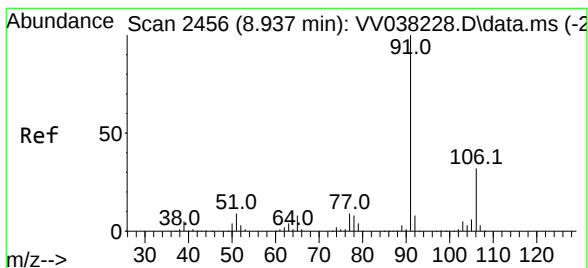
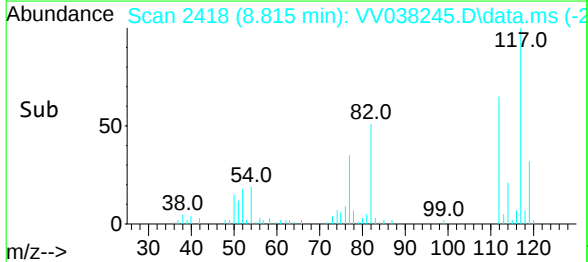
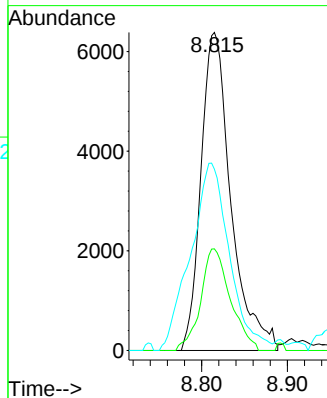
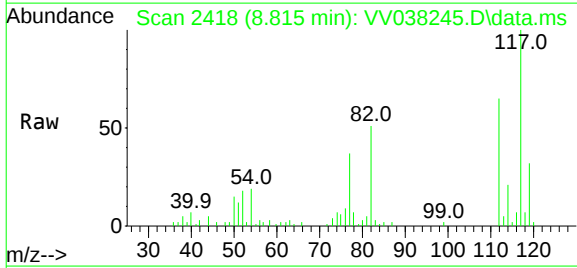
Instrument :

MSVOA_V

ClientSampleId :

BG3K7

Tgt Ion:	112	Resp:	15506
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.0	40.8
77	57.0	45.0	67.4



#52

Ethylbenzene

Concen: 0.121 ug/L

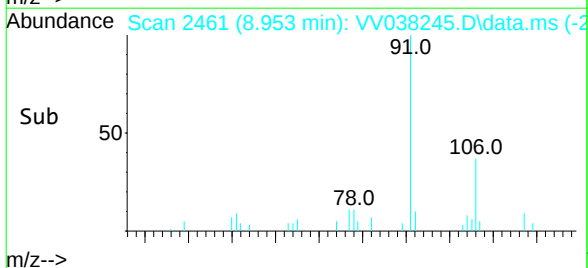
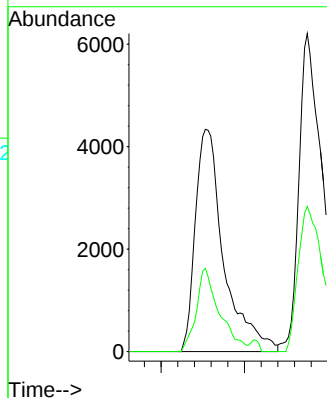
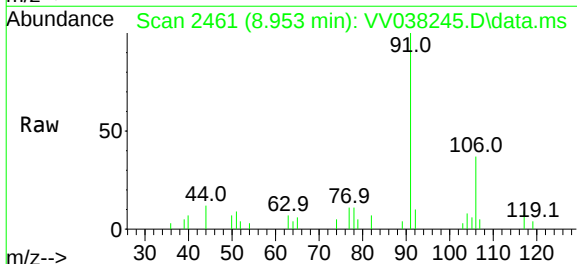
RT: 8.953 min Scan# 2461

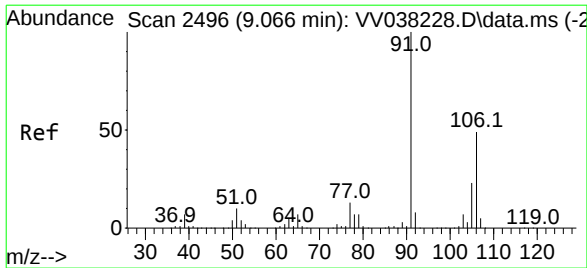
Delta R.T. 0.016 min

Lab File: VV038245.D

Acq: 21 Nov 2024 16:48

Tgt Ion:	91	Resp:	10288
Ion Ratio	Lower	Upper	
91	100		
106	37.5	21.8	40.4





#53

m,p-Xylene

Concen: 0.190 ug/L

RT: 9.075 min Scan# 24

Delta R.T. 0.009 min

Lab File: VV038245.D

Acq: 21 Nov 2024 16:48

Instrument :

MSVOA_V

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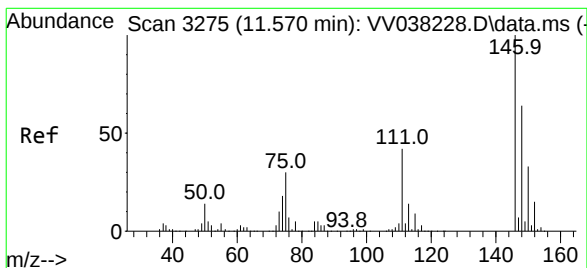
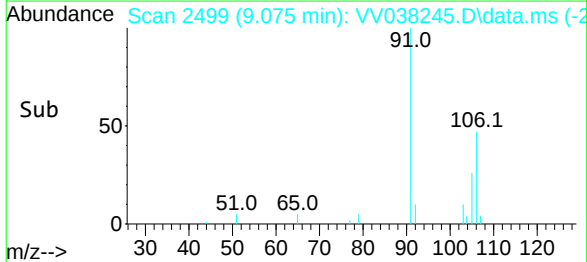
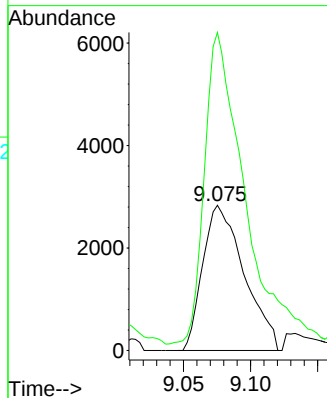
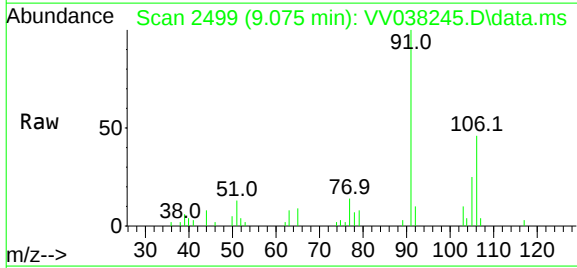
BG3K7

Tgt Ion:106 Resp: 6085

Ion Ratio Lower Upper

106 100

91 219.1 138.7 257.5



#67

1,2-Dichlorobenzene

Concen: 0.230 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.006 min

Lab File: VV038245.D

Acq: 21 Nov 2024 16:48

Tgt Ion:146 Resp: 7227

Ion Ratio Lower Upper

146 100

111 45.7 34.2 51.2

148 68.9 51.0 76.4

